

YKK AP[®]

www.ykkap.com

STFH Triumph (Ward 8) - Washington D.C.

YES 60 TU

Thermally Broken, Offset Storefront System with Insulating Glass

The **YES 60 TU** is a thermally broken, offset storefront system for insulating glass. The system is thermally broken by means of a poured and de-bridged pocket that employs an internal process, ThermaBond Plus[®], to greatly improve adhesion and resolves the problem of adhesion and resulting dry shrinkage associated with typical poured and de-bridged systems.

- Large horizontal/vertical spans for 6" system
- 1" Standard Insulating Glazing with a 1/4" Monolithic Glass infill option
- High Performance Sill Flashing
 - ◆ No blind seals
 - ◆ Tall back leg for enhanced water resistance
 - ◆ Patented 3-point attachment of end dam
- ThermaBond Plus[®] Thermal Break
- Integrates with our YKK AP Entrances and Sun Control Systems

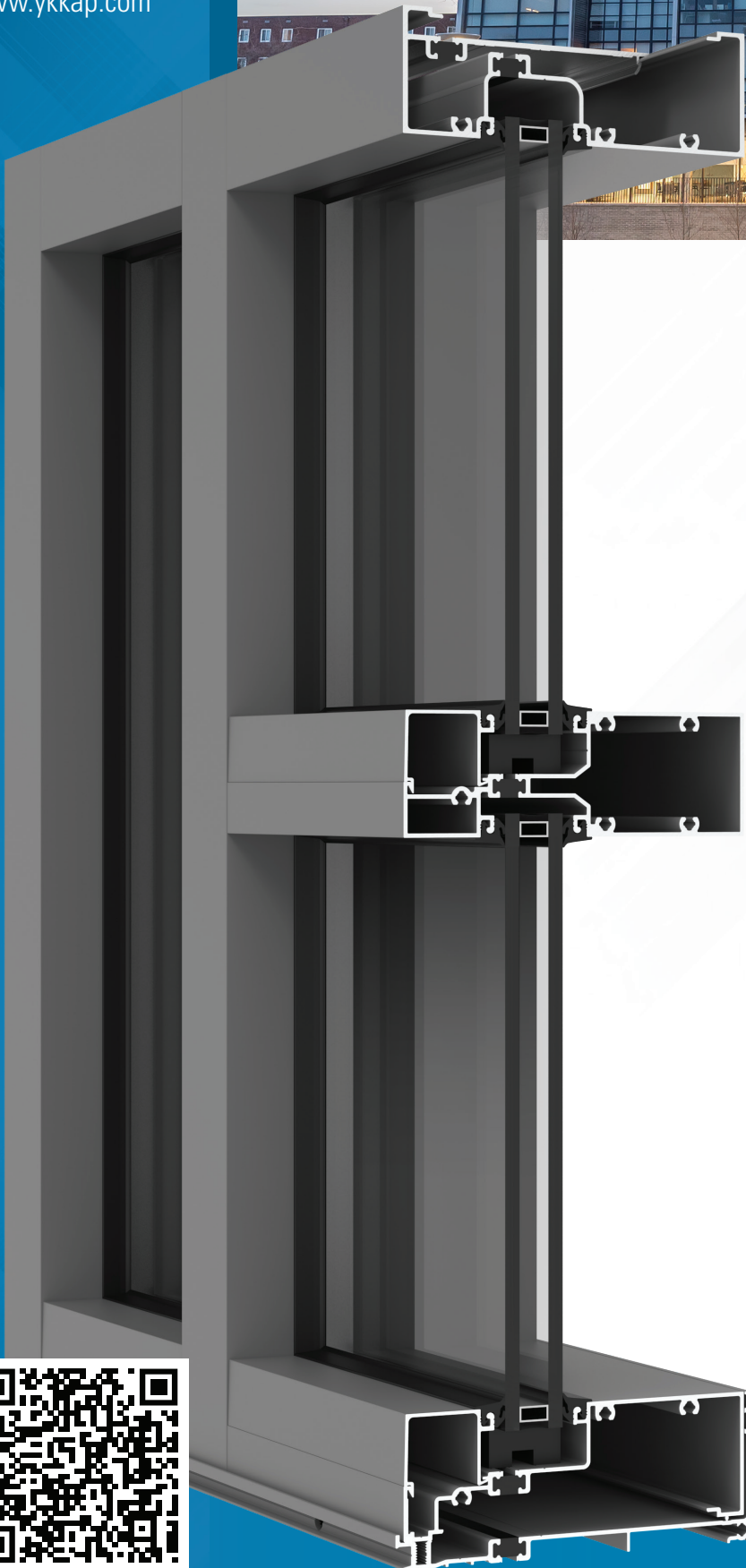
Configuration:

Glazing	Glass Setting	Installation
Outside	Offset	Screw Spline

Thermal Values:

U-Factor:	Values as low as 0.33*
CRF:	Minimum 69 frame and 68 glass

*Based on NFRC 100. Lower values may be achieved through further simulation.



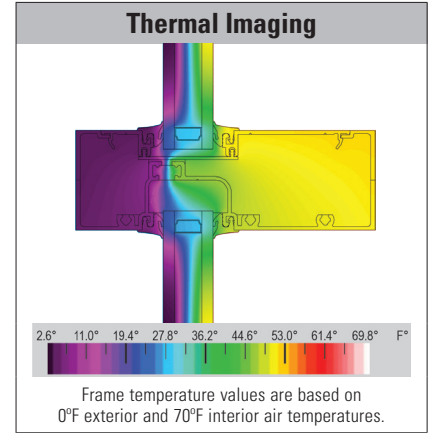
YES 60 TU SPECS		
Base Depth	6"	
Sightline	2"	
Config	Outside Glazed / Offset	
Tested Glass	1" IGU with Low-E (C.O.G. U-Factor: 0.29)	
Test	Results	Standards
Air Infiltration	0.06 CFM/FT ² (1.10 m ³ /h·m ²) @ 6.24 PSF (299 Pa)	ASTM E 283
Water Infiltration	Static: 12 PSF (575 Pa) Dynamic: 12 PSF (575 Pa)	ASTM E 331 AAMA 501
Acoustical (1" IGU)	Standard STC: 31 Standard OITC: 25	ASTM E 90 ASTM E 1425
	Laminated STC: 34 Laminated OITC: 29	

Thermal Performance								
Mullion Depth (1" IGU)	U-Factor - BTU/hr·ft ² ·°F						CRF	
2" x 6"	0.41	0.40	0.38	0.36	0.35	0.33	69	68
Center of Glass	0.30	0.28	0.26	0.24	0.22	0.20	Frame	Glass
AAMA 507 & NFRC 100							AAMA 1503	

Finish Options	
Type	Standard
Factory Anodized	AAMA 612
Organic Paints	AAMA 2604 AAMA 2605

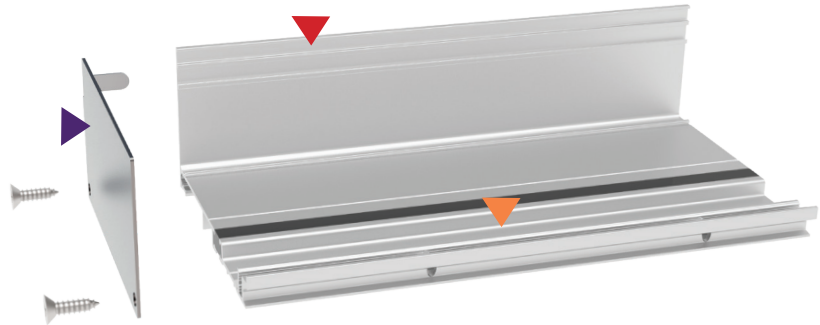
Various System Options

Compound Mullions, Expansion Mullion, 90° Outside and Inside Mullions, Door Jambs and Transoms



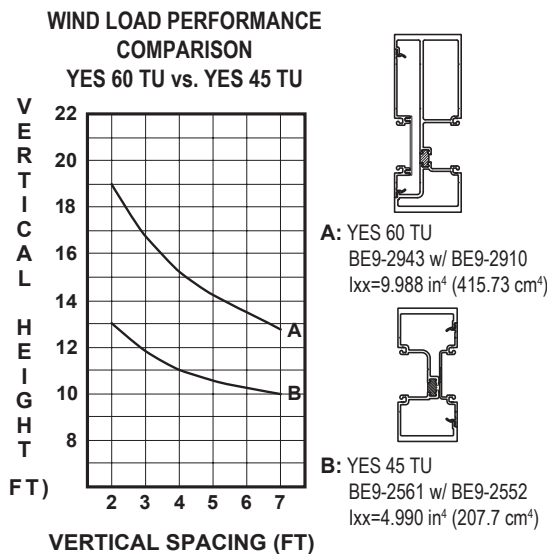
Sill Flashing Design

- ▶ 2" back leg on sill flashing – enhanced water resistance in the field and in water testing
- ▶ Three point attachment of end dam, with a foldable tab and two screws into flashing splines
- ▶ No sill anchoring required if end reaction is less than 500 lbs
- No secondary penetration of sill and flashing when properly sealed



Structural Integrity

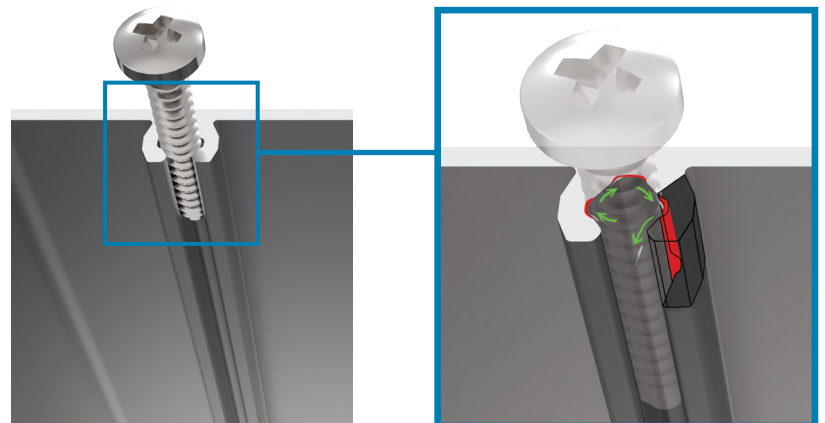
Longer horizontal mullions resulting in greater spans for projects. Chart based on a 20 PSF windload.



Installation Efficiency

Our screw spline storefronts utilize a diamond shaped spline to help with installation speed and efficiency.

- Reduces stress at the fastener head helping prevent any screw breaks
- Eliminates the need for wax dipping fasteners prior to use
- Can re-use/re-drive screws into splines without stripping
- Fastener chip relief makes for reduced fabrication time



Additional information including CAD details, CSI specs, test reports and installation instructions are found on the Product Guide by clicking this link or visiting www.ykkap.com/commercial/productguide